

## Rabbit anti-Human Aspartoacylase Polyclonal Antibody | anti-ASPA antibody

Aspartoacylase antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                           |
|-----------|--------|------------|--------------------------------------------------------|
| AAA301227 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

Aspartoacylase; Polyclonal Antibody; Aspartoacylase antibody; anti-ASPA antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                    |
| Reactivity                                     | Human                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                |
| Purity/Purification                            | Purified by antigen-affinity chromatography.                                                                              |
| Form/Format                                    | Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.            |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                                    |
| Sequence Length                                | 313                                                                                                                       |
| Applicable Applications for anti-ASPA antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                    |
| Immunogen Type                                 | Recombinant protein                                                                                                       |
| Immunogen Description                          | Recombinant protein fragment contain a sequence corresponding to a region within amino acids 39 and 270 of Aspartoacylase |
| Target Name                                    | Aspartoacylase                                                                                                            |
| Preparation and Storage                        | Store at -20 degree C for long term preservation (recommended). Store at 4°C for short term use.                          |

### IMAGES



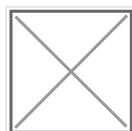
#### IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Aspartoacylase antibody at 1: 200 dilution.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraaffin-embedded Cal27 xenograft, using Aspartoacylase antibody at 1: 100 dilution.



#### SDS-PAGE

Sample (30 ug of whole cell lysate)A: Molt-4B: Raji 10% SDS PAGEPrimary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ASPA antibody | This gene encodes an enzyme that catalyzes the conversion of N-acetyl_L-aspartic acid (NAA) to aspartate and acetate. NAA is abundant in the brain where hydrolysis by aspartoacylase is thought to help maintain white matter. This protein is an NAA scavenger in other tissues. Mutations in this gene cause Canavan disease. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq] |
| Product Categories/Family for anti-ASPA antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 20810518                         |
| NCBI GeneID                      | 443                              |
| UniProt Accession #              | P45381                           |
| Molecular Weight                 | Predicted MW: 36kd               |
| NCBI Official Full Name          | Aspartoacylase (Canavan disease) |
| NCBI Official Synonym Full Names | aspartoacylase                   |
| NCBI Official Symbol             | ASPA                             |
| NCBI Official Synonym Symbols    | ASP; ACY2                        |
| NCBI Protein Information         | aspartoacylase                   |
| UniProt Protein Name             | Aspartoacylase                   |
| UniProt Gene Name                | ASPA                             |
| UniProt Synonym Gene Names       | ACY2; ASP; ACY-2                 |
| UniProt Entry Name               | ACY2_HUMAN                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/aspartoacylase-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/301227>